



BKL: 113(c) US

BOX: AMENDMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Juliana H.J. Brooks, et al.

Art Unit: 1753

Serial No.: 10/615,666

Examiner: Wong, Edna

Date Filed: July 9, 2003

Title: Optimizing Reactions in Fuel Cells and Electrochemical Reactions

Certificate of Mailing Under 37 CFR §1.8(a)

Commissioner for Patents  
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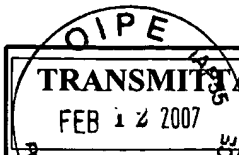
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February 8, 2007  
Date

Kelly L. Storck  
Kelly L. Storck

	<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))	Docket No. BKL: 113 (c) US
	In Re Application Of: <b>Juliana H.J. Brooks</b>	

Application No. <b>10/615,666</b>	Filing Date <b>July 9, 2003</b>	Examiner <b>Wong, Edna</b>	Customer No. <b>26818</b>	Group Art Unit <b>1753</b>	Confirmation No. <b>9834</b>
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Title: **Optimizing Reactions in Fuel Cells and Electrochemical Reactions**

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**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☒ the fee set forth in 37 CFR 1.17(p).

02/13/2007 AW0HDAF1 00000062 10615666

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180.00 OP

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
BKL: 113 (c) US

In Re: Application of **Juliana H.J. Brooks**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/615,666	July 9, 2003	Wong, Edna	26818	1753	9834

Title: **Optimizing Reactions in Fuel Cells and Electrochemical Reactions**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☒ A check in the amount of **\$180.00** is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **503536** as described below.
- ☐ Charge the amount of
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

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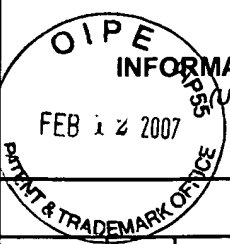
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Dated: **8 FEBRUARY 2007**

**Mark G. Mortenson**  
Reg. No. 31,182

**The Law Offices of Mark G. Mortenson**  
P.O. Box 310  
North East, MD 21901

CC:

 <b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small>				ATTY DOCKET NO.		APPLICATION NO.		
				BKL: 113 (c) US		10/615,666		
				APPLICANT(S)				
				Juliana H.J. Brooks, et al.				
FILING DATE				GROUP ART UNIT				
July 9, 2003				1753				
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		4,115,280	9/19/1978	Pratt	422	186.1		
		2,161,292	1/6/1939	Hahnemann	607	156		
		4,012,301	3/15/1977	Rich	204	157.41		
		4,481,091	11/6/1984	Brus	204	157.15		
		4,529,489	7/16/1985	McDonald	588	306		
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
			Vladimirov, Y., et al. (1988). Photoreactivation of Superoxide Dismutase by Intensive Red (Laser) Light. <i>Free Radical Biology &amp; Medicine</i> , Vol. 5, Pages 281-286.					
			Muller, R., et al. (1984). Nitroxyl (HNO), an Intermediate in (Light-induced) Rearrangement Reactions of Nitrosooxy Compounds and Nitrosamines. <i>Helvetica Chimica Acta</i> , Vol. 67, Pages 953-958.					
EXAMINER				DATE CONSIDERED				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. <b>BKL: 113 (c) US</b>	APPLICATION NO. <b>10/615,666</b>
	Juliana H.J. Brooks, et al.	
	FILING <b>July 9, 2003</b>	GROUP ART <b>1753</b>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,755,269	7/5/1988	Brumer	204	157.4	
	4,774,026	9/27/1988	Kitamori	204	157.4	
	5,015,349	5/14/1991	Suib	204	168	
	5,174,877	12/29/1992	Cooper	204	193	
	5,395,490	3/7/1995	Hoff	204	157.15	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			Doi, Y. & Tsutsui, M. (1978). Fluorescence and Photochemistry of the Charge-Transfer Band in Alcoholic Vanadium Trichloride Solution. <i>Journal of the American Chemical Society</i> , Vol. 100, No. 10, Pages 3243-3244.
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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,548,686	10/22/1985	Stevens, et al.	204	157.94	
	6,217,712	4/17/2001	Mohr, Thomas J.	204	157.15	
	4,287,036	9/1/1981	Tsutsui, et al.	204	157.46	
	4,861,484	8/29/1989	Lichtin, et al.	210	638	
	4,115,280	9/19/1978	Pratt, Jr., George W.	422	186.1	

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			Weaver, J., et al. (1998). Theoretical Limits on the Threshold for the Response of Long Cells to Weak Extremely Low Frequency Electric Fields Due to Ionic and Molecular Flux Rectification. <i>Biophysical Journal</i> , Vol. 75, No. 5, Pages 1-9.
			Jensen, M. (1998). Electromagnetic fields may trigger enzymes. <i>Science News</i> , Vol. 153, Page 119.

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		<b>Juliana H.J. Brooks, et al.</b>		<b>July 9, 2003</b>	
				<b>Group Art Unit</b> <b>1753</b>	
*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>				
	Wilson, A. S. (1958). The reaction between hydrogen peroxide and ruthenium tetroxide in acid solutions. <i>J. Inorg. Nuclear Chem.</i> , Vol. 7, Pages 149-152.				
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	Kraus, K., et al. (1993). The Use of a Cap-Shaped Coil for Transcranial Magnetic Stimulation of the Motor Cortex. <i>The Journal of Clinical Neurophysiology</i> , Vol. 10, No. 3, Pages 353-362.				
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*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
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*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	Sansonetti, J., et al. Atlas of the Spectrum of a Platinum/Neon Hollow-Cathode Lamp in the Region 1130-4330 A; Accessed on the Internet at: <a href="http://physics.nist.gov/PhysRefData/platinum/contents.html">physics.nist.gov/PhysRefData/platinum/contents.html</a> ; On 09 July 2003; Originally online 20 June 1994.		
	Polk, C., & Postow, E. (1986). <i>Handbook of Biological Effects of Electromagnetic Fields</i> . Boca Raton, FL: CRC Press LLC. Introduction, Pages 27-35; Chapter 1, Pages 99-118; Chapter 2, Pages 121-138; Chapter 5, Pages 197-219.		
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